

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (canceled)

Claim 10 (new): A method for the simplified access to a telecommunication network and the billing of telecommunication services, in which in the telecommunication network authentication processes are used, which makes it possible for a subscriber to prove at any freely choosable point in time that a payment for service performance requested or to be requested is being made or has already been made, the method comprising:

registering of the subscriber in the mobile radio network by means of a mobile radio apparatus and a subscriber identity module SIM containing an IMSI not registered in the mobile radio network;

wherein first of all a registration of the end apparatus occurs at the appropriate base station controller BSC;

sending a Location Update Procedure over the Mobile Switching Center MSC and the Visitor Location Register VLR to the Home Location Register HLR, at which the IMSI deposited on the SIM is transferred to the HLR, wherein the HLR checks whether the IMSI is registered and in the negative case sends an error report back to the VLR;

wherein in the VLR a special module is arranged, the assignment of which is to receive the error reports, evaluate them, and release corresponding predetermined actions whereby the call is rerouted by means of an established routing to a specially arranged credit-card-server which checks the validity of a credit card of the subscriber, and in case of a valid credit card, authentication and registration of the subscriber and billing of the claimed services occurs by means of the credit card.

Claim 11 (new): The method according to claim 10, wherein an authentication process is used by means of which the identity of the subscriber using services in the telecommunication network is established by at least one of the following measures:

- by digital signature;

- directly over existing dependable mechanisms;
- by technical proof beyond doubt of the association of the subscriber with a dependable third party which takes responsibility for the payment.

Claim 12 (new): The method according to Claim 11, wherein the special subscriber identification module and the special Home Location Register HLR have at their disposal restricted functionalities with respect to a regularly used Standard subscriber identification module and Standard Home Location Register HLR.

Claim 13 (new): A method for the simplified access to a telecommunication network and the billing of telecommunication services, in which in the telecommunication network authentication processes are used which make it possible for a subscriber to prove at any freely choosable point in time that a payment is being made for service performance claimed or to be claimed, or has already been made, the method comprising the following steps:

the application of the subscriber to the telecommunication network occurs with the aid of a mobile radio apparatus and a special subscriber identity module in the form of a Simple-SIM which contains a special IMSI, wherein in the telecommunication network a special Home Location Register HLR in Form of a Simple-HLR is arranged which recognizes the Simple-SIMs by means of the IMSIs and serves solely for the authentication and the registration of the special subscriber identification modules,

the call routing is at first blocked by the Simple-HLR, and an error report is given back to the VLR,

the VLR includes a special module which receives the error reports, evaluates them, and releases corresponding predetermined actions whereby the call is rerouted to a specially arranged credit-card-server where an identification of the subscriber and billing of the claimed services occurs by means of the credit card.

Claim 14 (new): The method according to claim 13, wherein an authentication process is used by means of which the identity of the subscriber using services in the telecommunication network is established by at least one of the following measures:

- by digital signature;

- directly over existing dependable mechanisms;
- by technical proof beyond doubt of the association of the subscriber with a dependable third party which takes responsibility for the payment.

Claim 15 (new): The method according to Claim 14, wherein the special subscriber identification module and the special Home Location Register HLR have at their disposal restricted functionalities with respect to a regularly used Standard subscriber identification module and Standard Home Location Register HLR.

Claim 16 (new): The method according to Claim 13, wherein the special subscriber identification module and the special Home Location Register HLR have at their disposal restricted functionalities with respect to a regularly used Standard subscriber identification module and Standard Home Location Register HLR.

Claim 17 (new): Apparatus for the simplified access to a telecommunication network and the billing of telecommunication services functioning according to the method of claim 13, in which devices are present by means of which a subscriber in time context with an electronic payment process can prove to the network Operator that a payment is being made for a service claimed or to be claimed, or has already been made, characterized in that the device comprises a special module arranged in the visitor register VLR of the telecommunication network, wherein the special module comprises means for communication with a credit-card-server.

Claim 18 (new): Apparatus for the simplified access to a telecommunication network and the billing of telecommunication services functioning according the method of claim 10, in which devices are present by means of which a subscriber can prove to the network Operator, in time context with an electronic payment process, that a payment for a service claimed or to be claimed is being made, or has already been made, characterized in that the device comprises on the subscriber side a special subscriber identity module in the form of a Simple-SIM and on the network side, a special Home Location Register in the form of a Simple-HLR, and a special module arranged in the VLR of the mobile radio network with means for communication with a credit-card-server.